

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/587,424
Filing Date	July 26, 2006
First Named Inventor	Fan Lu
Art Unit	1657
Examiner Name	Unassigned
Attorney Docket Number	55340-311395

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1.	US- 4,774,186	09/27/1988	Schaefer, Jr. et al.	
	2.	US- 6,579,714 B1	06/17/2003	Hirabayashi et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3.	ANG-LEE, M. et al., Herbal Medicines and Perioperative Care, JAMA, Vol. 286, No. 2, pp. 208-216, 2001.	
	4.	ESSER, M. et al., Cyanovirin-N Binds to gp120 to Interface with CD4-Dependent Human Immunodeficiency Virus type 1 Virion Binding, Fusion, and Infectivity but does not Affect the CD4 Binding Site on gp120 or Soluble CD4-Induced Conformational Changes in gp120, Journal of Virology, Vol. 73, No. 5, pp. 4360-4371, 1999.	
	5.	GOLAKOTI, T. et al., Structure Determination, Conformational Analysis, Chemical Stability Studies, and Antitumor Evaluation of the Cryptophycins. Isolation of the 18 New Analogs from Nostoc sp. Strain GSV 224, J. Am. Chem. Soc., Vol. 117, pp. 12030-12049, 1995.	
	6.	GONZALEZ, R. et al., Anti-Inflammatory Activity of Phycocyanin Extract in Acetic Acid-induced Colitis in Rats, Pharmacological Research, Vol. 39, No. 1, pp. 55-59, 1999.	

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Sheet 2 of 2

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Application Number	10/587,424
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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	7.	JAKI, B. et al., New Antibacterial Metabolites from the Cyanobacterium Nostoc Commune (EAWAG 122b), J. Nat. Prod., Vol. 63, pp. 1283-1285, 2000.	
	8.	HUANG, Z. et al., Studies on Polysaccharides from Three Edible Species on Nostoc (Cyanobacteria) with Different Colony Morphologies: Comparison of Monosaccharide Compositions and Viscosities of Polysaccharides from Field Colonies and Suspension Cultures, J. Phycol., Vol. 34, pp. 962-968, 1998.	
	9.	LIU, X. et al., Cell Differentiation and Colony Alteration of an Edible Terrestrial Cyanobacterium Nostoc Flagelliforme, in Liquid Suspension Cultures, Folia Microbiol, Vol. 48, No. 5, pp. 619-626, 2003.	
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	11.	MURAKAMI, M. et al., Microviridins, Elastase Inhibitors from the Cyanobacterium Nostoc Minutum (NIES-26), Phytochemistry, Vol. 45, No. 6, pp. 1197-1202, 1997.	
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	13.	PICCARDI, R. et al., Bioactivity in Free-Living and Symbiotic Cyanobacteria of the Genus Nostoc, Journal of Applied Phycology, Vol. 12, pp. 543-547, 2000.	
	14.	QIU, B. et al., Distribution and Ecology of the Edible Cyanobacterium Ge-Xian-Mi (Nostoc) in Rice Fields of Hefeng County in China, Journal of Applied Phycology, Vol. 14, pp. 423-429, 2002.	
	15.	SCHERER, S. et al., Novel Water Stress Protein from a Desiccation-Tolerant Cyanobacterium, Journal of biological Chemistry, Vol. 264, No. 21, pp. 12546-12553, 1989.	
	16.	SMITH, C. et al., Cryptophycin: A New Antimicrotubule Agent Active against Drug-Resistant Cells, Cancer Research, Vol. 54, pp. 3779-3784, 1994.	
	17.	TAKENAKA, H., Safety Evaluation of Nostoc Flagelliforme (Nostocales, Cyanophyceae) as a Potential Food, Food and Chemical Toxicology, Vol. 36, pp. 1073-1077, 1998.	
	18.	Patent Cooperation Treaty, International Search Report, International Application No. PCT/US05/03314, mailed October 2, 2007.	

Examiner Signature	/Tiffany Gough/	Date Considered	03/11/2009
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